

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims

1. (Currently Amended) A distributed system control method for controlling operation of a distributed system having a plurality of information processors and a ~~single~~ directory information manager connected ~~thereinthereto~~, comprising the steps of:

storing directory information including control information for services and configuration information for parameters of said plurality of information processors in said directory information manager;

creating, in a first information processor, a message addressed from said first one to a second of the plurality of information processors in the distributed system;

issuing a request, when it is desired to know a communication peer, from said first information processor to said directory information manager to cause the directory information manager to search for control and configuration information for said second information processor among said directory information as management information for control of operation of said respective information processors in the distributed system;

reading out, in said directory information manager in response to said request received, said directory information and sending said control and configuration information to said first information processor; and

controlling, in said first information processor, at least one of said first and second information processors and a sending operation of said created message to said second

information processor on the basis of said control and configuration information received from said directory information manager in said first information processor. ~~creating a message addressed from first one to second of the plurality of information processors in the distributed system;~~

~~issuing a request from said first information processor to said directory information manager to cause the directory information manager to search for directory information as management information for control of operation of said respective information processors in the distributed system;~~

~~reading out said directory information in said directory information manager and sending said directory information to said first information processor; and~~

~~controlling at least one of said first and second information processors and a sending operation of said created message on the basis of said directory information received from said directory information manager in said first information processor.~~

2. (Canceled)

3. (Currently Amended) The information processor ~~A distributed system control method~~ as set forth in claim 5, wherein said ~~directory information includes service control information~~ includes information for control of operational modes of the information processors belonging to ~~the specified~~ service, and when it is desired to know said communication peer to send said created message, the operational modes of the information processors belonging to the ~~specific~~ service are controlled by said communication management processor on the basis of said ~~service-control~~ information.

4. (Canceled)

5. (Currently Amended) An information processor to be connected to a distributed system as one of a plurality of information processors, said system also having a single directory information manager connected ~~therein~~thereto, comprising:

an object-inherent operation processor for creating when it is desired to send data to an information processor, a message addressed to the information processors in said distributed system; and

communication management processor for requesting when it is desired to know a communication peer, said directory information manager to search for directory information as management information for control of operations of the information processors in said distributed system and controlling at least one of an information processor among said plurality of information processors having said object-inherent processor and a sending operation of the message created by said object-inherent processor on the basis of said directory information received from said directory information manager.

6. (Currently Amended) ~~A distributed system control method~~An information processor as set forth in claim 1, further comprising a sub-step of controlling wherein said first information processor creates at least one of a publish/subscribe operation, message communication, receiver searching, and communication protocol conversion to send said message to said second information processor.

7. (Currently Amended) ~~A distributed system control method~~An information processor as set forth in claim 1, further comprising a sub-step of controlling wherein said first information processor creates log acquiring, execution mode, hot/cold standby, load balance, and server change to send said message to said second information processor.

8. (New) An information processor as set forth in claim 5,
wherein said object-inherent operation processor creates, when it is desired to send said data to another information processor, another message addressed to said another processor, and
wherein said communication management processor requests, when it is desired to know a communication peer therefore, said directory information manager to search for directory information as management information for control of operations of said another information processor.

9. (New) A distributed system control method as set forth in claim 1, further comprising the steps of:
repeating, in said first information processor, to create and issue another message to said second directory information manager to cause the directory information manager to search for control and configuration information for a third information processor among said directory information; and
making, in said directory information manager, said directory information to include a key for said third information processor and a subscribe list;
wherein said first information processor executes, after said sending operation of said created message to said second information processor, another sending operation of said created message to said third information processor.